

8 Pipe Tap Series

Overall length	Thread length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_s	Ds	K	ℓ_k

JIS

① Spiral Fluted Taps
(for blind hole)

② Spiral Fluted Taps
(for through hole)

③ Spiral Pointed Taps
(for through hole)

④ Hand Taps

⑤ Cemented Carbide Taps

⑥ Roll Taps

⑦ Special Thread Taps
Simple Inspection Tools

⑧ Pipe Taps

⑨ Thread Mills
Premium Thread Mills

⑩ Dies

⑪ Center Drills
Centering Tools

⑫ Precision Machinery/
Medical Surgical Instruments

JIS

⑧-63

G

Hand Taps for Parallel Pipe Threads



Specification

HSS



■The G tap is a hand tap for parallel pipe threads and conforms to the ISO thread specifications. It is used for fitting with the pipe parallel external thread G (PF).

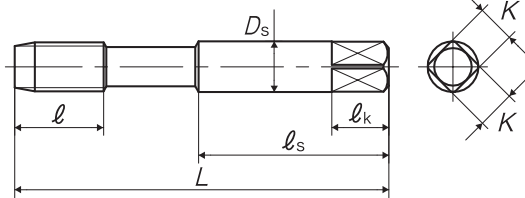
Tapping Speeds depending on Materials

Low carbon steels
低炭素鋼
5~10
(m/min)

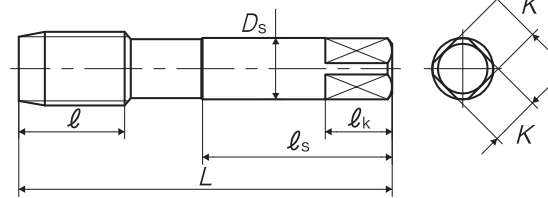
Medium carbon steels
中炭素鋼
5~10
(m/min)

High carbon steels
高炭素鋼
5~10
(m/min)

TYPE:1



TYPE:2



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE	MSRP
For Pipe Threads													
G 1/16-28	II	TH2G01K	3.5P	7.723	59	14	30	8	6	9	4	1	¥ 3,060
G 1/8-28	II	TH2G02K	3.5P	9.728	59	15	30	8	6	9	4	2	¥ 3,060
G 1/4-19	II	TH2G04-	3.5P	13.157	67	19	34	11	9	12	4	2	¥ 4,800
G 3/8-19	II	TH2G06-	3.5P	16.662	75	21	38	14	11	14	4	2	¥ 7,910
G 1/2-14	II	TH2G08Q	3.5P	20.955	87	26	44	18	14	17	4	2	¥ 12,900
G 3/4-14	II	TH2G12Q	3.5P	26.441	96	28	49	23	17	20	4	2	¥ 20,600
G 1 -11	II	TH2G16U	3.5P	33.249	109	33	56	26	21	24	4	2	¥ 38,600
G 1 1/4-11	II	TH2G20U	3.5P	41.910	119	36	61	32	26	30	4	2	¥ 60,900
G 1 1/2-11	II	TH2G24U	3.5P	47.803	125	37	64	38	29	32	6	2	¥ 83,800
G 2 -11	II	TH2G32U	3.5P	59.614	140	41	71	46	35	38	6	2	¥ 143,000